International Application No.: PCT/EP03/05811

International Filing Date: June 4, 2003 Preliminary Amendment Accompanying

Substitute Specification

## **Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

## **Listing of Claims:**

- 1. (Currently Amended) Apparatus An apparatus for handling rotor blades of wind power installations, eharacterised bythe apparatus comprising: a rigid carrier element (10) connected with at least one rotor blade receiving means (11, 14, 16, 18, 30) fixedly connected thereto, wherein said the rotor blade receiving means is in the form of includes a carrier frame (11, 14, 16, 18) which encloses configured to enclose the at least one rotor blade (29) at about at least three sides upon handling.
- 2. (Currently Amended) Apparatus—The apparatus according to claim 1, eharacterised further comprising: by—a ball rotary joint (12)—arranged on the carrier element—(10).
- 3. (Currently Amended) Apparatus The apparatus according to claim 2, characterised by further comprising: a rotary mechanism drive at the ball rotary joint (12).
- 4. (Currently Amended) Apparatus The apparatus according to one of the preceding claims characterised by claim 1, further comprising a plurality of eyes (26) which are mutually spaced in the a longitudinal direction of the carrier element (10) for pulling-receiving cables.

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5. (Currently Amended) Apparatus The apparatus according to one of the preceding claims characterised in that claim 1 wherein the rotor blade receiving means (11, 14, 16, 18, 30) is in the form of a carrier frame (11, 14, 16, 18) which is configured to encloses enclose the at least one rotor blade (29) at three about four sides upon handling.

- 6. (Currently Amended) Apparatus The apparatus according to one of the preceding claims characterised in that claim 1, further comprising a locking member (18) is mounted pivotably at one side of the rotor blade receiving means (10, 11, 14, 16).
- 7. (Currently Amended) Apparatus The apparatus according to one of the preceding claims claim 1 characterised wherein in that the rotor blade receiving means (10, 11, 14, 16, 18) embraces is configured to engage the at least one rotor blade (29) in positively a complementary locking relationship.
- 8. (Currently Amended) Apparatus—The apparatus according to one of the preceding elaims characterised by claim 1, further comprising a plurality of cushions (24, 34) provided between throughout the rotor blade receiving means (10, 11, 14, 16, 18, 30) and the rotor blade (29).
- 9. (Currently Amended) Apparatus—The apparatus according to claim 8 characterised by wherein the cushions are inflatable cushions (24, 34).
- 10. (Currently Amended) <u>Apparatus—The apparatus</u> according to claim 98 <u>eharacterised by wherein the cushions include</u> valves for filling and/or emptying the inflatable inflating/deflating the cushions (24).

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11. (Currently Amended) Apparatus—The apparatus according to claim 91 or claim 10 characterised by, further comprising at least one of an energy storage means, and/or pressure storage means, and/or at least one a plug connector for the connection—to connect one of an electrical, and/or hydraulic, and/or pneumatic line, wherein the energy storage means, pressure storage means, or plug connector is used to maintain a first pressure in a plurality of cushions located in the rotor blade receiving means.

- 12. (Currently Amended) Apparatus The apparatus according to one of claims claim 1 to 4 characterised in that wherein the rotor blade receiving means includes at least one carrier bar (30) extending perpendicularly with respect to the carrier element (10).
- 13. (Currently Amended) Apparatus—The apparatus according to claim 12, eharacterised in that further comprising: a carrier plate (32) is releasably fixed releasably to the side of the at least one carrier bar (30), which is remote from the earrier element (10).
- 14. (Currently Amended) <u>Apparatus—The apparatus</u> according to claim 12 or claim 13 characterised in that wherein the a cross-section of the carrier bar (30) is variable in over at least one portion region.
- 15. (Currently Amended) Apparatus The apparatus according to one of the preceding claims claim 1, characterised by further comprising: a device for bolting the apparatus to the a roller head of a crane.

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of the preceding claims characterised by claim 1, further comprising a plurality of container corners (20) at positioned on at least one of either the top side and/or the underside of the apparatus.

- 17. (New) The apparatus according to claim 1 wherein the carrier element is rigid.
- 18. (New) A method for securing at least one rotor blade, the method comprising:

placing the at least one rotor blade into a carrier element that is configured to reduce an effect of the wind on the at least one rotor blade, the carrier element surrounding the at least one rotor blade on at least three sides; and

protecting the at least one rotor blade against damage associated with a contact of the at least one rotor blade with the carrier element.

- 19. (New) The method of claim 18, further comprising: maneuvering the carrier element toward a wind power installation.
- 20. (New) The method of claim 18, further comprising: opening the carrier element to release the at least one rotor blade.
- 21. (New) The method of claim 18 wherein protecting the at least one rotor blade includes inflating cushions located in the carrier element and substantially around the at least one rotor blade.

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## 22. (New) An apparatus comprising:

receiving means for receiving at least one rotor blade, the receiving means configured to reduce an effect of wind on the at least one rotor blade when the at least one rotor blade is installed on a wind power installation; and

attachment means for maneuvering the receiving means.